

TURFGRASS SCIENCE - BS

Program Requirements

First Year

Fall		Semester Credit Hours
SCSC 205	Problem Solving in Plant and Soil Systems	3
	American history (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history) ¹	3
	Communication (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication) ¹	3
	Government/Political science (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science) ¹	3
	Mathematics (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics) ²	3
Semester Credit Hours		15

Spring

AGEC 105	Introduction to Agricultural Economics	3
COMM 203	Public Speaking	3
	American history (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history) ¹	3
	Government/Political science (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science) ¹	3
	Mathematics (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics) ²	3
Semester Credit Hours		15

Second Year

Fall		
CHEM 119	Fundamentals of Chemistry I	4
	Select one of the following:	3
	ENTO 201 General Entomology	
	ENTO 401 Principles of Integrated Pest Management	
	PLPA 334 Turfgrass Pathology	
	SCSC 446 Weed Management and Ecology	
	Language, philosophy and culture (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture) ¹	3
	Directed elective ³	3
	General elective	2
Semester Credit Hours		15

Spring

CHEM 222 or CHEM 227	Elements of Organic and Biological Chemistry or Organic Chemistry I	3
HORT 201	Horticultural Science and Practices	3
	Select one of the following:	4

BIOL 101	Botany	
BIOL 111	Introductory Biology I	
CHEM 120	Fundamentals of Chemistry II	
GEOL 101 & GEOL 102	Principles of Geology and Principles of Geology Laboratory	
PHYS 201	College Physics	
	Select one of the following:	3
	ENTO 201 General Entomology	
	ENTO 401 Principles of Integrated Pest Management	
	PLPA 334 Turfgrass Pathology	
	SCSC 446 Weed Management and Ecology	
	Creative arts (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts) ¹	3
Semester Credit Hours		16

Third Year

Fall		
SCSC 301	Soil Science	4
SCSC 302	Recreational Turf	3
SCSC 312	Professional Development in Turfgrass	1
	Select one of the following: ⁴	3
	RWF 313 Vegetation Sampling Methods and Designs in Ecosystems	
	STAT 201 Elementary Statistical Inference	
	STAT 302 Statistical Methods	
	Directed elective ³	3
Semester Credit Hours		14

Spring

ECCB 205 or SCSC 444	Fundamentals of Ecology or Forage Ecology and Management	3
SCSC 309	Water in Soils and Plants	4
SCSC 428	Advanced Turf Ecology and Physiology	3
	Directive elective ³	3
	General elective	3
Semester Credit Hours		16

Fourth Year

Fall		
MGMT 309	Survey of Management	3
SCSC 429	Turf Management Systems	4
	Select one of the following: ⁵	3
	SCSC 420 Brazilian Agriculture and Food Production Systems	
	SCSC 421 International Agricultural Research Centers - Mexico	
	SCSC 484 Internship	
	SCSC 491 Research	
	General elective	6
Semester Credit Hours		16

Spring

SCSC 307	Crop Biology and Physiology	4
SCSC 427	Sports Field Construction	4
SCSC 430	Turfgrass Maintenance	3

SCSC 481	Senior Seminar	2
Semester Credit Hours		13
Total Semester Credit Hours		120

¹ Graduation requirements include a requirement for 3 hours of International and Cultural Diversity (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/>) courses and 3 hours of Cultural Discourse (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/cultural-discourse-requirements/>) courses. A course satisfying a Core category, a college/department requirement, or a free elective can be used to satisfy this requirement. Select in consultation with an academic advisor.

² Choose from core curriculum courses with a MATH prefix.

³ To be selected from SCSC 300-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/scsc/>) courses not counting elsewhere on the degree plan and in consultation with an academic advisor.

⁴ Statistics course should be selected after consultation with academic advisor.

⁵ Students will complete an internship, study abroad or independent research experience.